



AMALGAMATED WIRELESS VALVE CO. PTY. LTD.

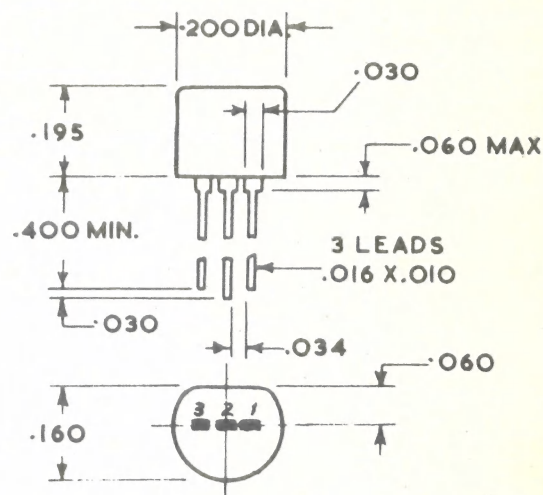
note same Pelet as
AS 204

AS310

AS312

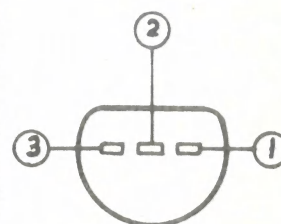
These units are n-p-n silicon planar epitaxial transistors in an epoxy package for A.F. and general purpose applications. The AS310 features low saturation voltage (less than 0.3 volt at $I_C = 300$ mA.

DIMENSIONAL OUTLINE



Dimensions in Inches

TERMINAL DIAGRAM



Lead 1-Emitter
Lead 2-Base
Lead 3-Collector

ABSOLUTE MAXIMUM RATINGS.

| | |
|---------------------------|------------|
| Collector-base voltage | = 40 volts |
| Collector-emitter voltage | = 40 volts |
| (Base open) | |
| Emitter-base voltage | = 5 volts |
| Emitter current | = 350 mA |
| Base current | = 30 mA |

THERMAL RATINGS.

Dissipation at case temperature up to 25°C ----- 700 mW max.

Derate linearly to zero at 135°C.

Dissipation in ambient temperatures up to 25°C ----- 300 mW max.

Derate linearly to zero at 135°C.

During soldering lead temperature must not exceed 255°C for
10 secs. max. within 1/16" of case.

Storage temperature range - 25°C to 135°C.

21.8.67.

AS312

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